

Notice of Allowability

Application No.

10/784,113

Examiner

Antonio A. Caschera

Applicant(s)

LIAO ET AL.

Art Unit

2628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 04/23/07.
2. ☒ The allowed claim(s) is/are 3-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments, see pages 9-10 of Applicant's Remarks, filed 04/23/07, with respect to 35 USC 112 rejection of claims 3-20, have been fully considered and are persuasive. The 35 USC 112 rejection of claims 3-20 has been withdrawn. Note, since such a rejection was the only outstanding rejection applied to the remaining claims, the claims are now in condition for allowance.

Allowable Subject Matter

2. Claims 3-20 are allowed.

The following is an examiner's statement of reasons for allowance:

In reference to claims 10 and 12, the prior art of record (Donovan et al. (U.S. Patent 6,975,319 B1) and Aono et al. (U.S. Patent 6,034,691)) does not explicitly disclose changing the current texture axes of at least one of the cube faces based on assigned face ids to make the current texture axes consistent and continuous between the faces, if neighboring pixels do not have the same face id, in combination with the further limitations of claims 10 and 12.

In reference to claims 3-9, 11 and 13-20, claims 3-9, 11 and 13-20 depend upon allowable claims 10 and 12 and are therefore also deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

Art Unit: 2628

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

References Cited

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- a. Lipscomb et al. (U.S. Patent 5,912,670)
 - Lipscomb et al. discloses a computer system generating a view of scene utilizing an environment map and a bitmap to represent color values of a scene.
- b. Luken (U.S. Patent 5,923,334)
 - Luken discloses generating an environment map which hold pixel values of an image representing a panoramic scene.
- c. Saito (U.S. Patent 6,850,242)
 - Saito discloses an image generating system and program performing environment mapping which can accurately represent the reflection of a light source.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Antonio Caschera whose telephone number is (571) 272-7781.

Art Unit: 2628

The examiner can normally be reached Monday-Thursday and alternate Fridays between 7:00 AM and 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kee Tung, can be reached at (571) 272-7794.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

571-273-8300 (Central Fax)

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (571) 272-2600.

aac

 **Antonio Caschera**
6/28/07 Patent Examiner



KEE M. TUNG
SUPERVISORY PATENT EXAMINER